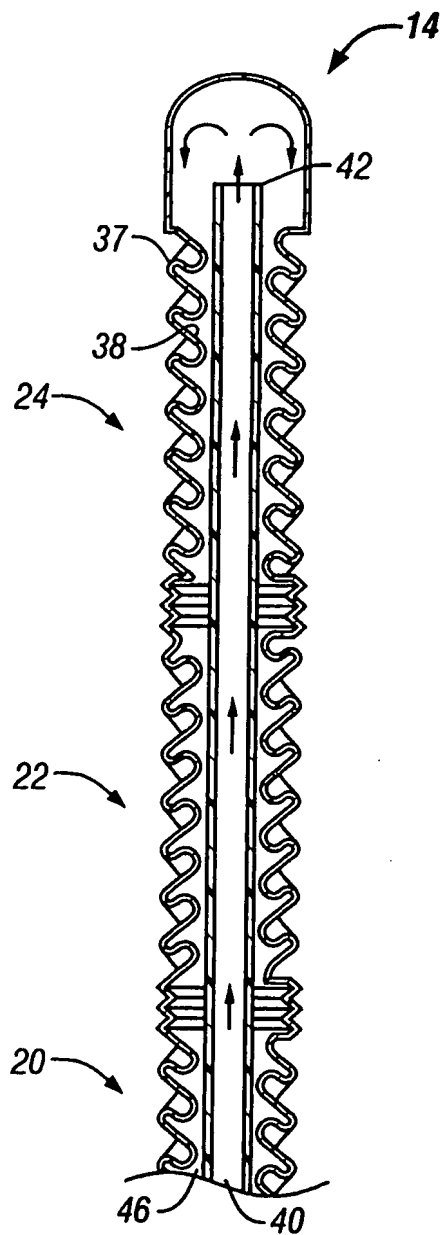
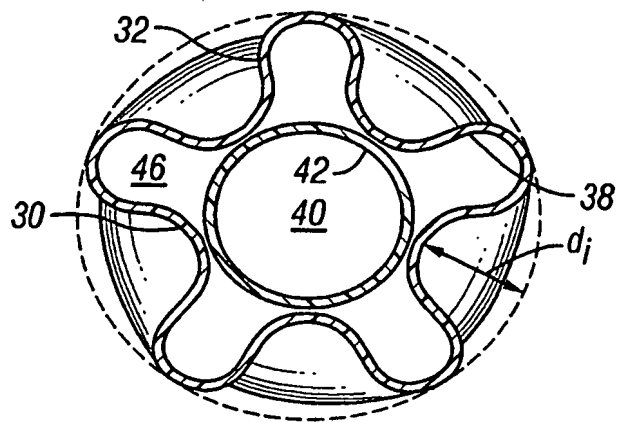


FIG. 1

**FIG. 2****FIG. 3**

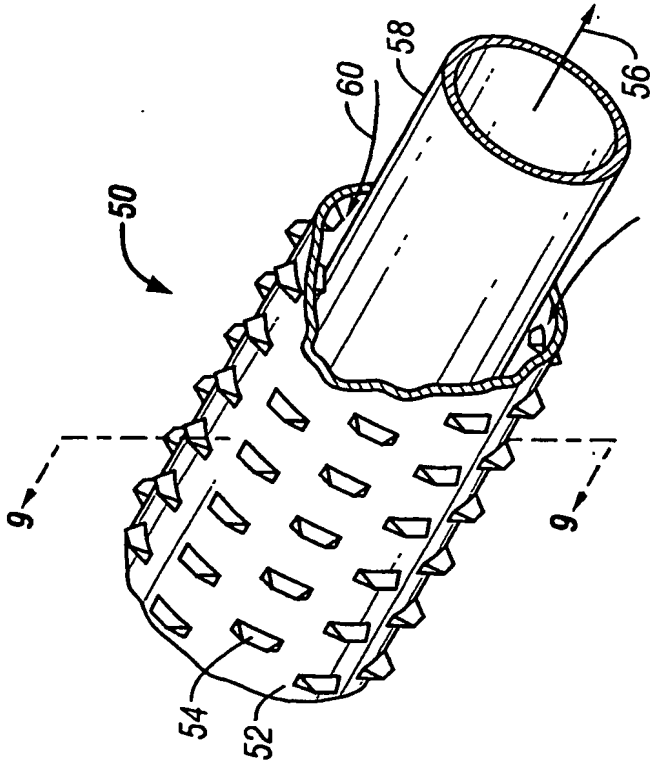


FIG. 4

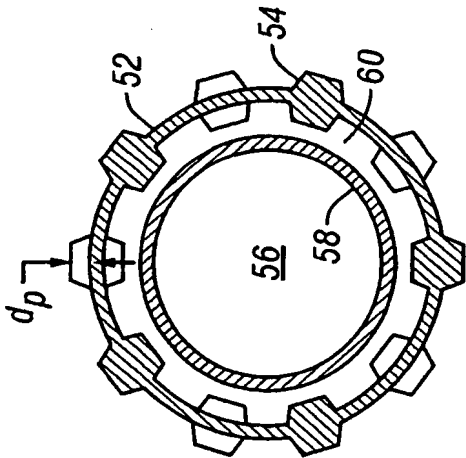


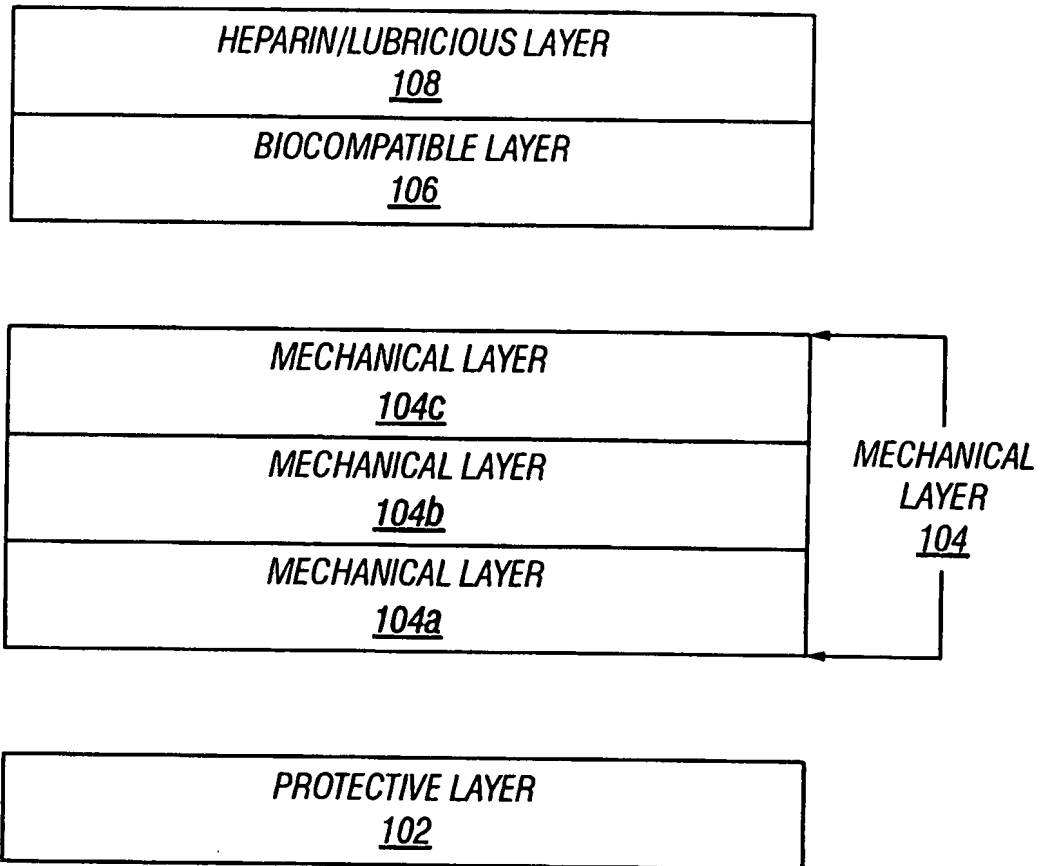
FIG. 5

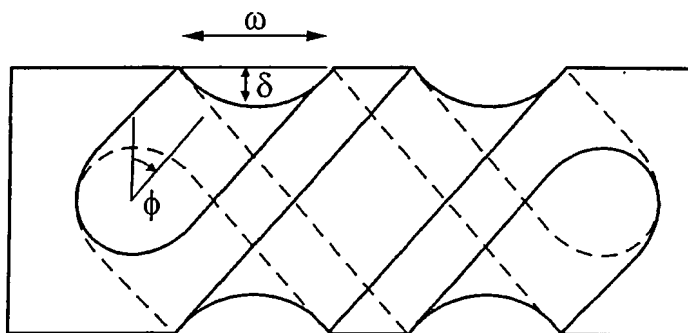
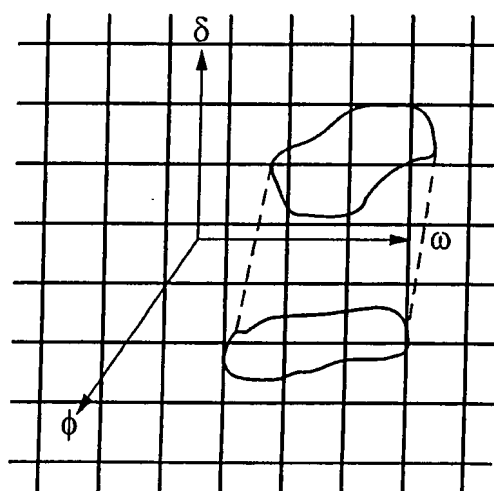
<i>BIOCOMPATIBLE LAYER</i> <u>106</u>
<i>MECHANICAL LAYER</i> <u>104</u>

FIG. 6

<i>HEPARIN/LUBRICIOUS LAYER</i> <u>108</u>
<i>BIOCOMPATIBLE LAYER</i> <u>106</u>
<i>MECHANICAL LAYER</i> <u>104</u>
<i>PROTECTIVE LAYER</i> <u>102</u>

FIG. 7

**FIG. 8**

**FIG. 9****FIG. 10**

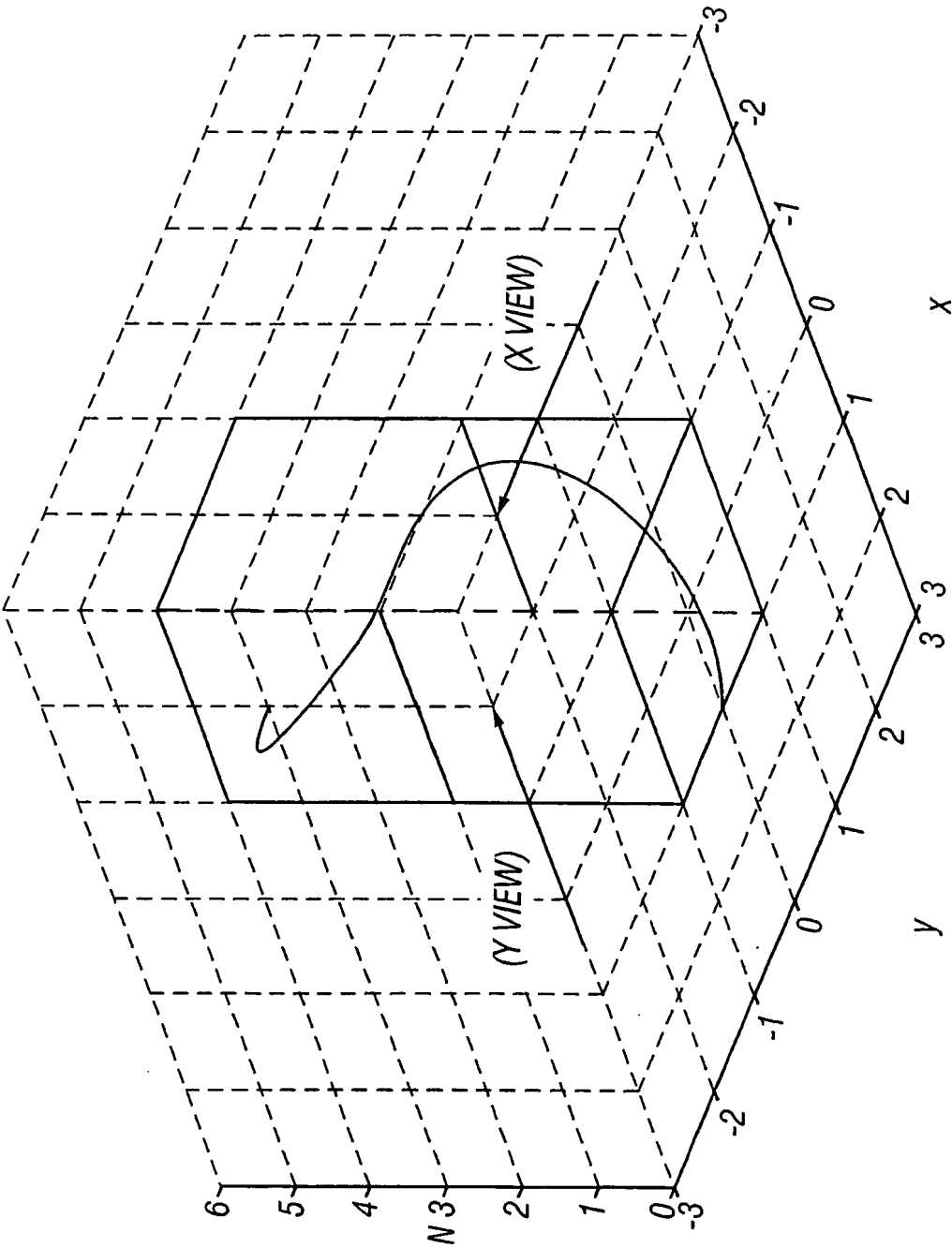
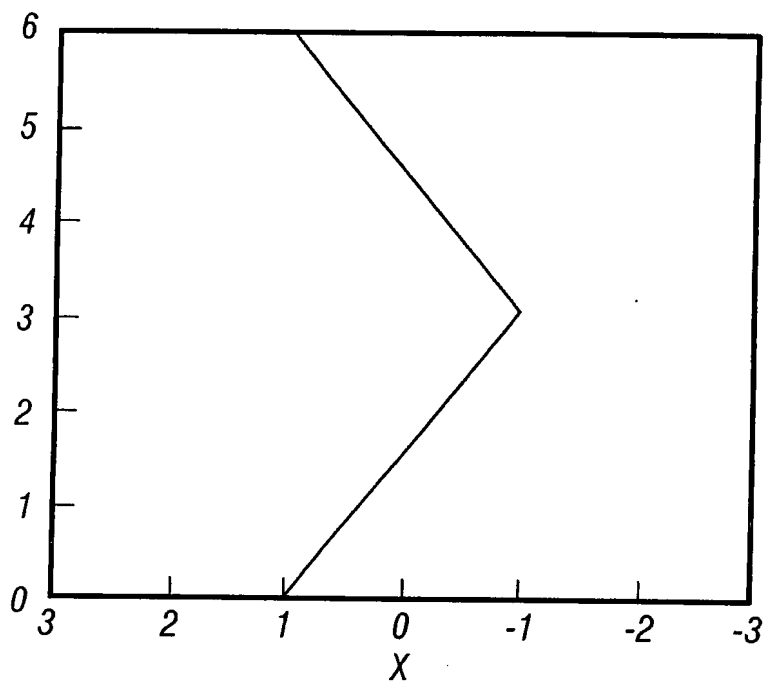
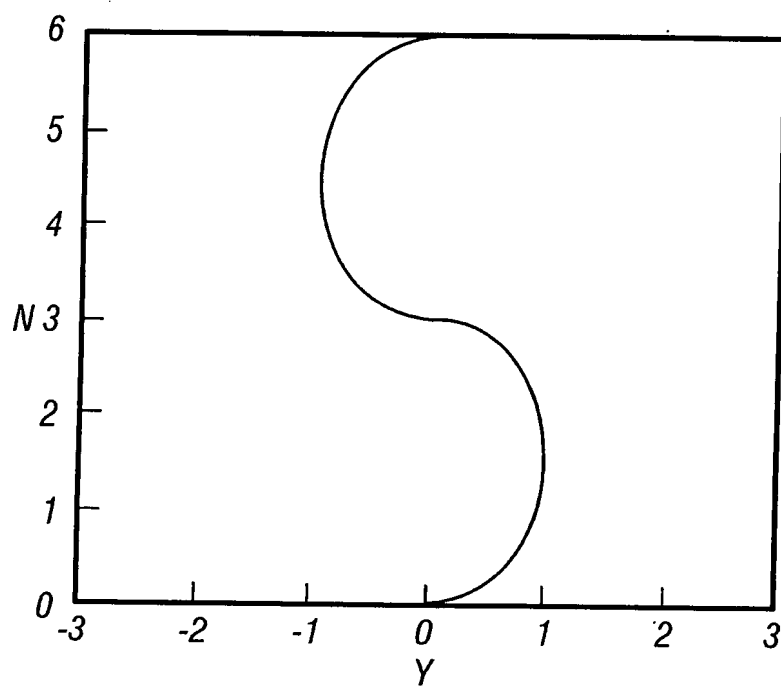


FIG. 11

**FIG. 12****FIG. 13**

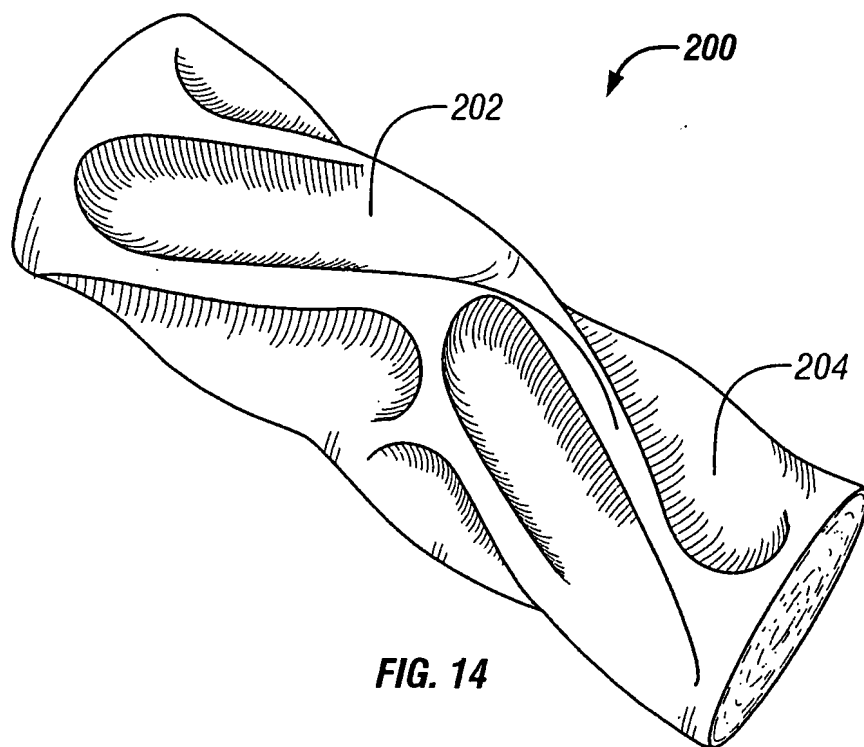


FIG. 14

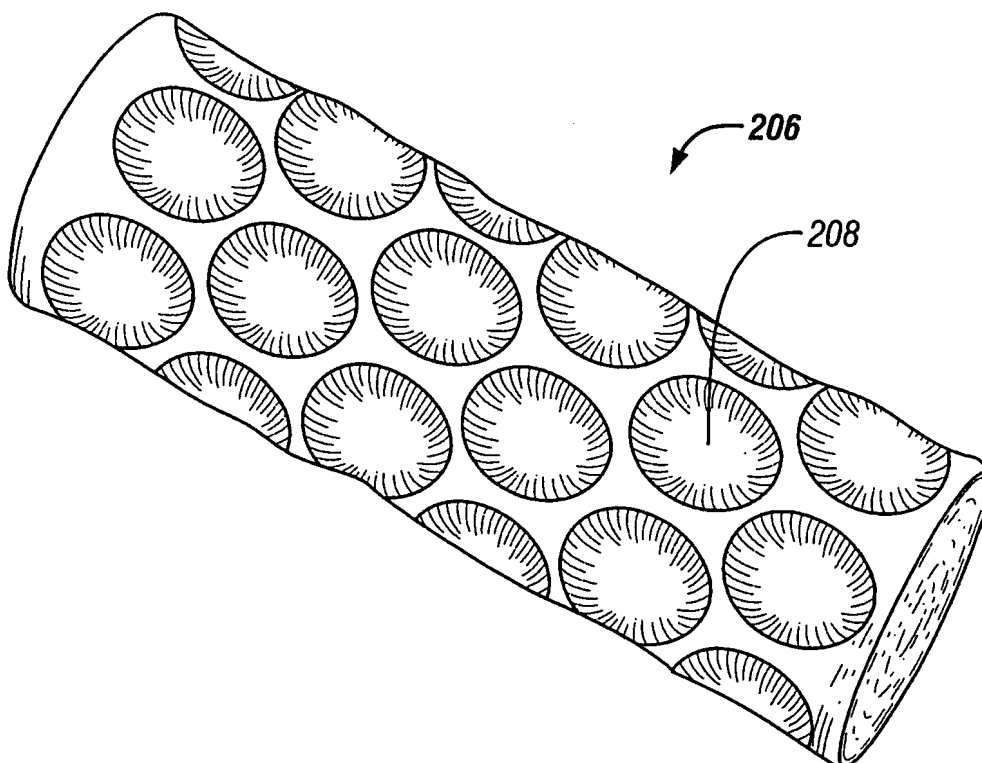


FIG. 15

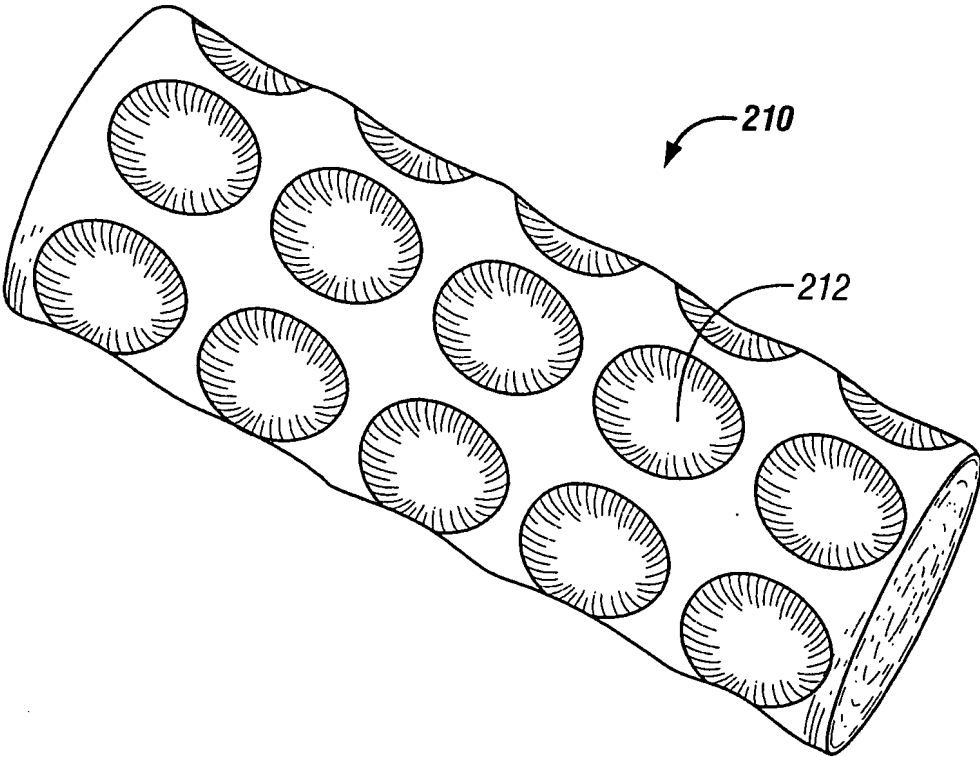


FIG. 16

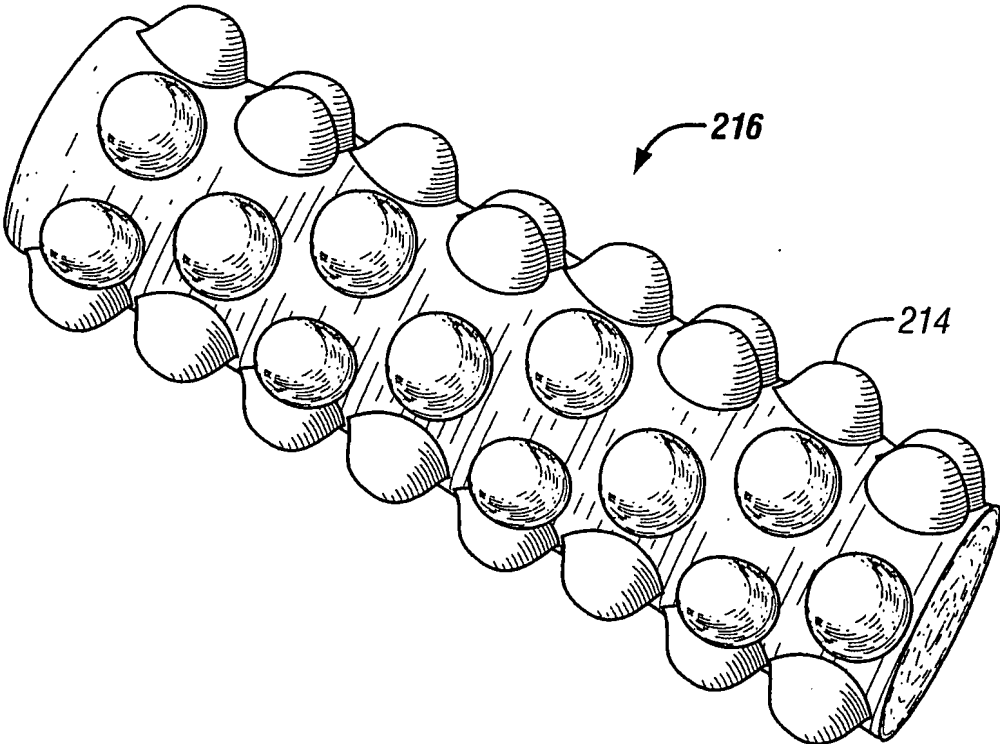


FIG. 17

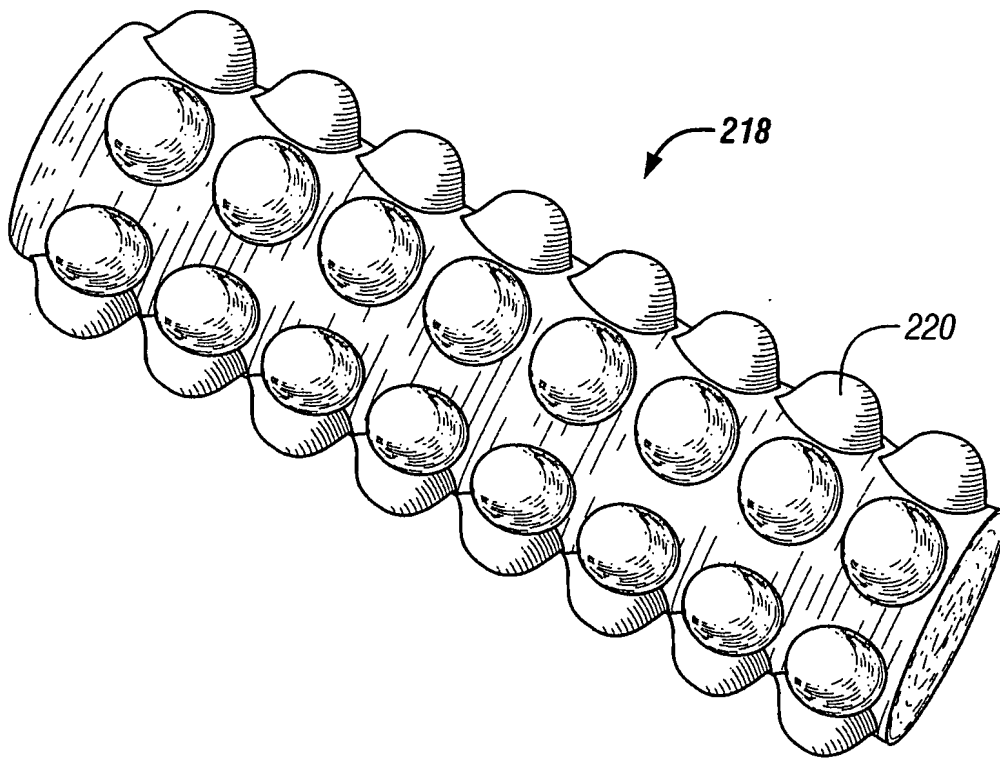


FIG. 18

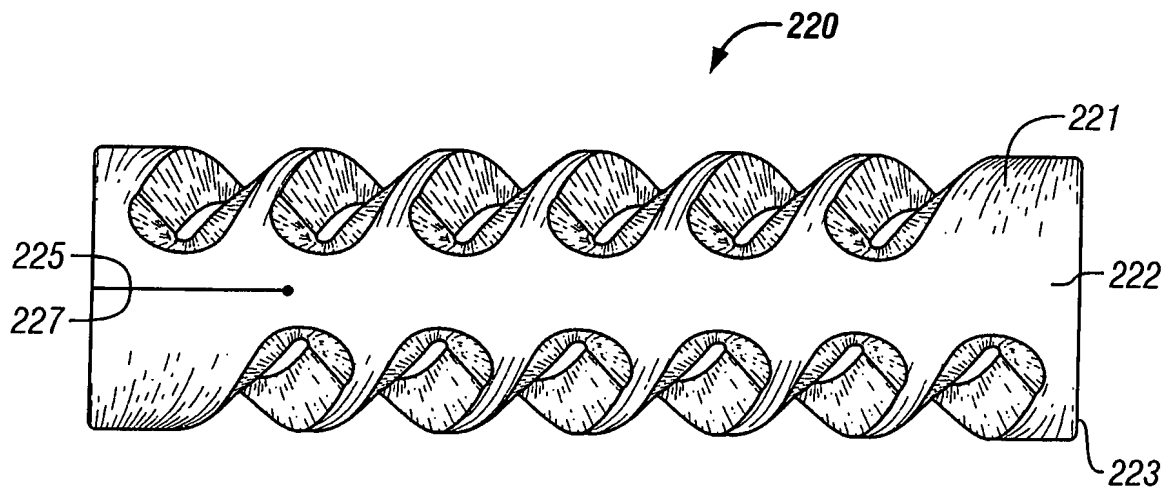
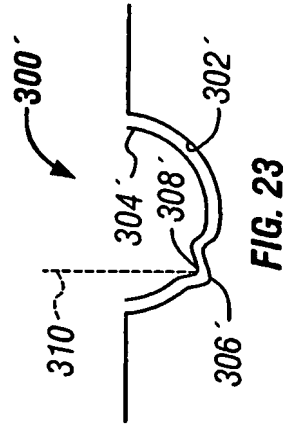
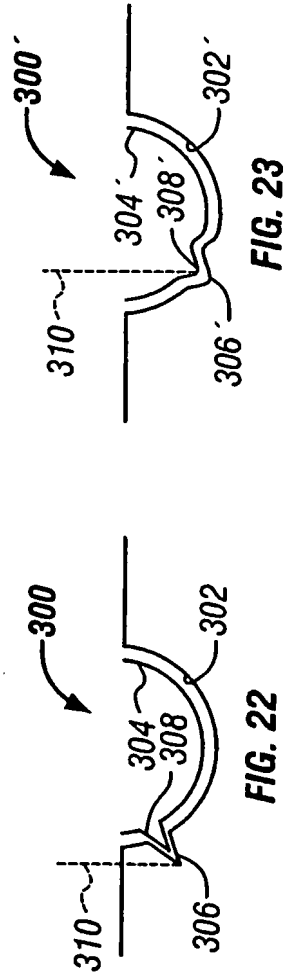
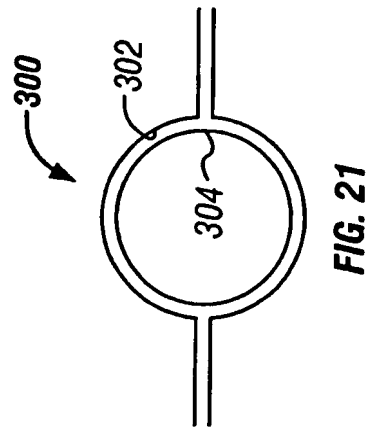
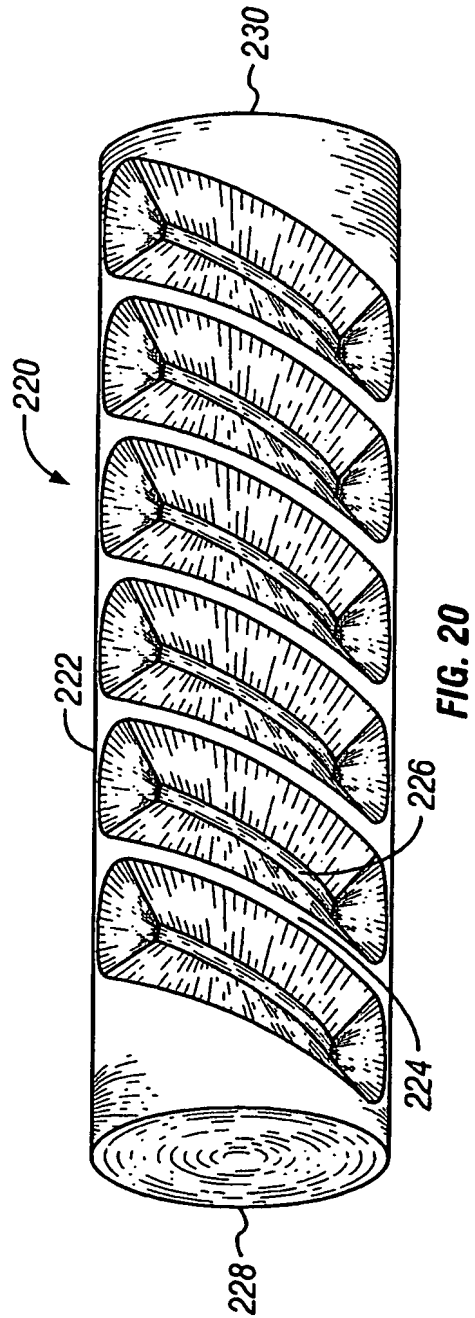


FIG. 19



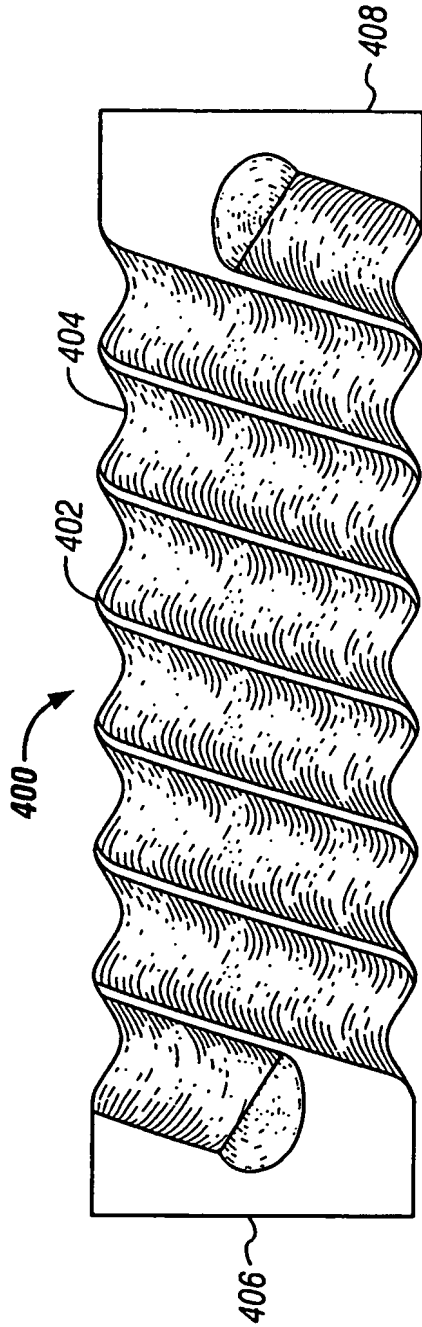


FIG. 24

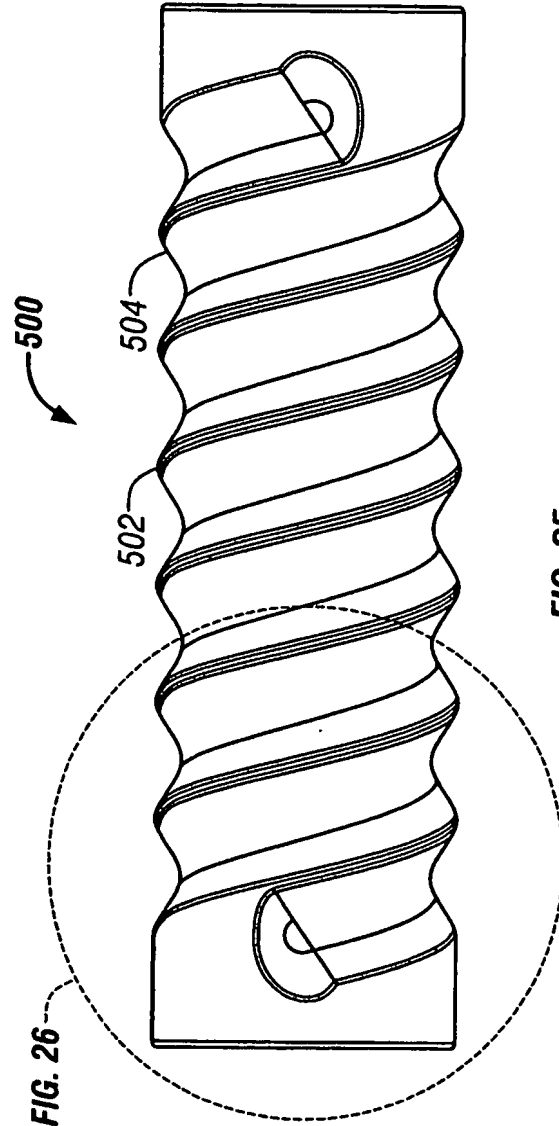


FIG. 25

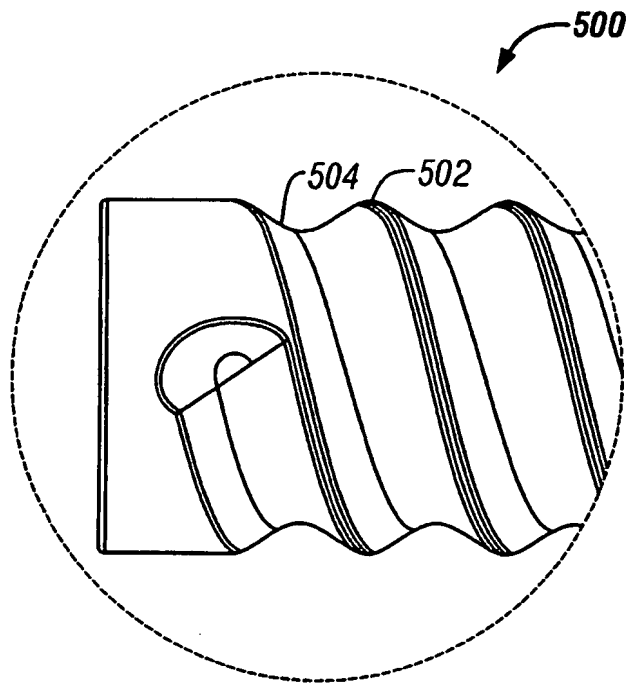


FIG. 26

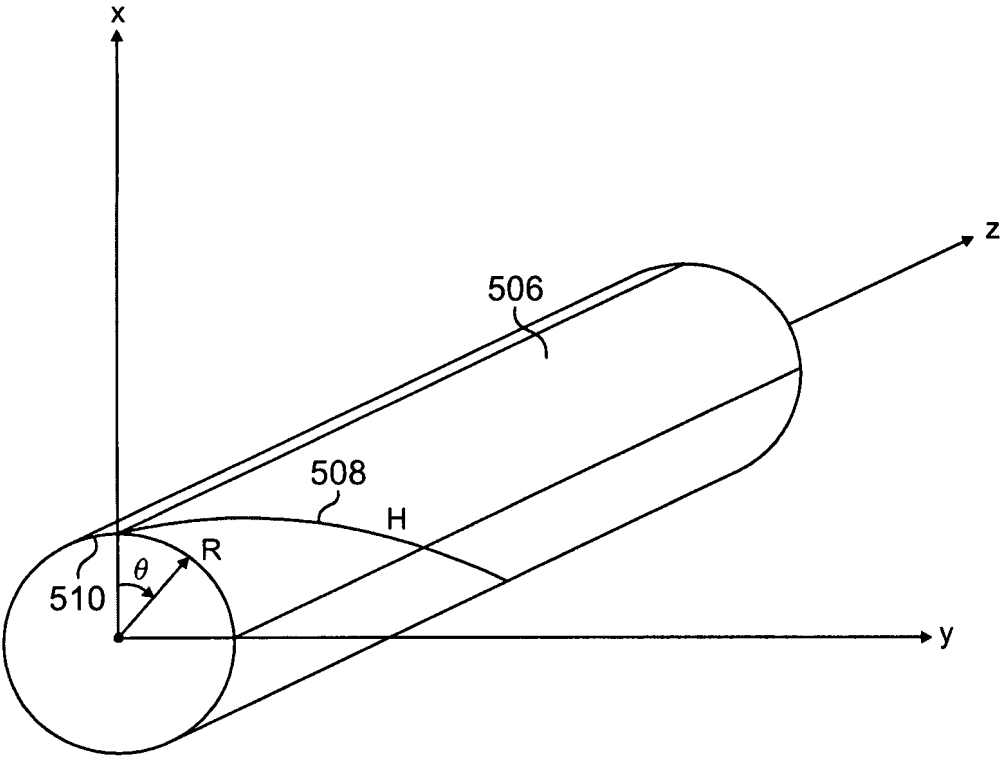


FIG. 27

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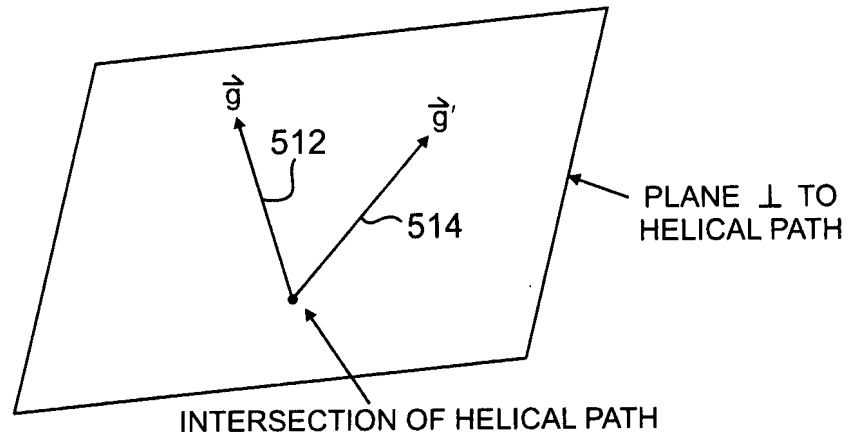


FIG. 28

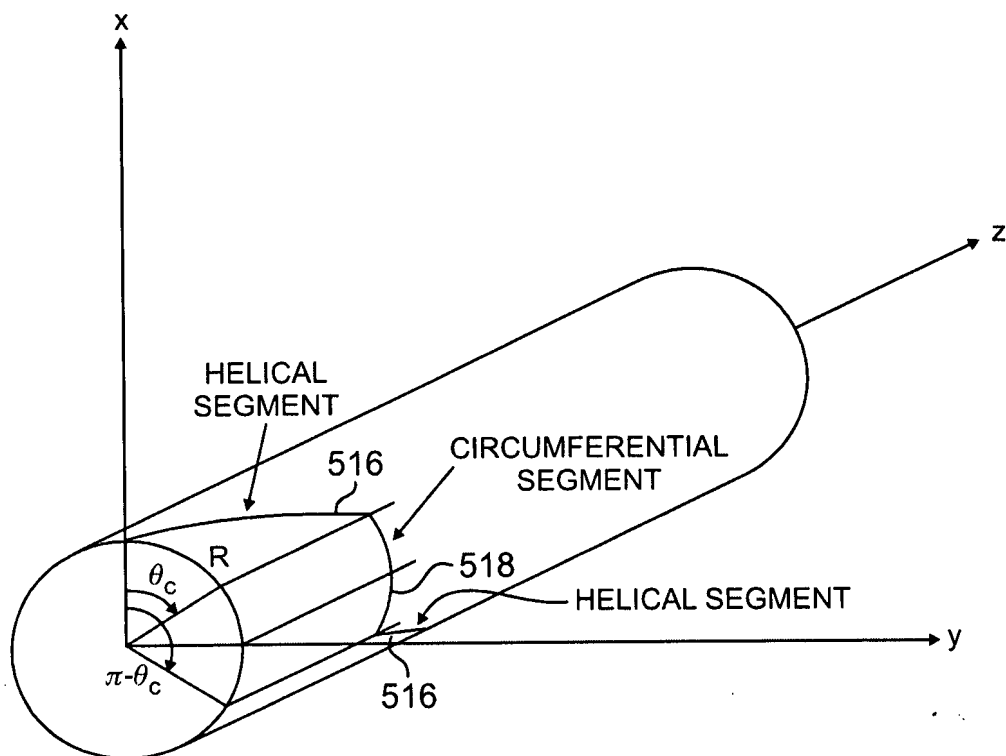


FIG. 29

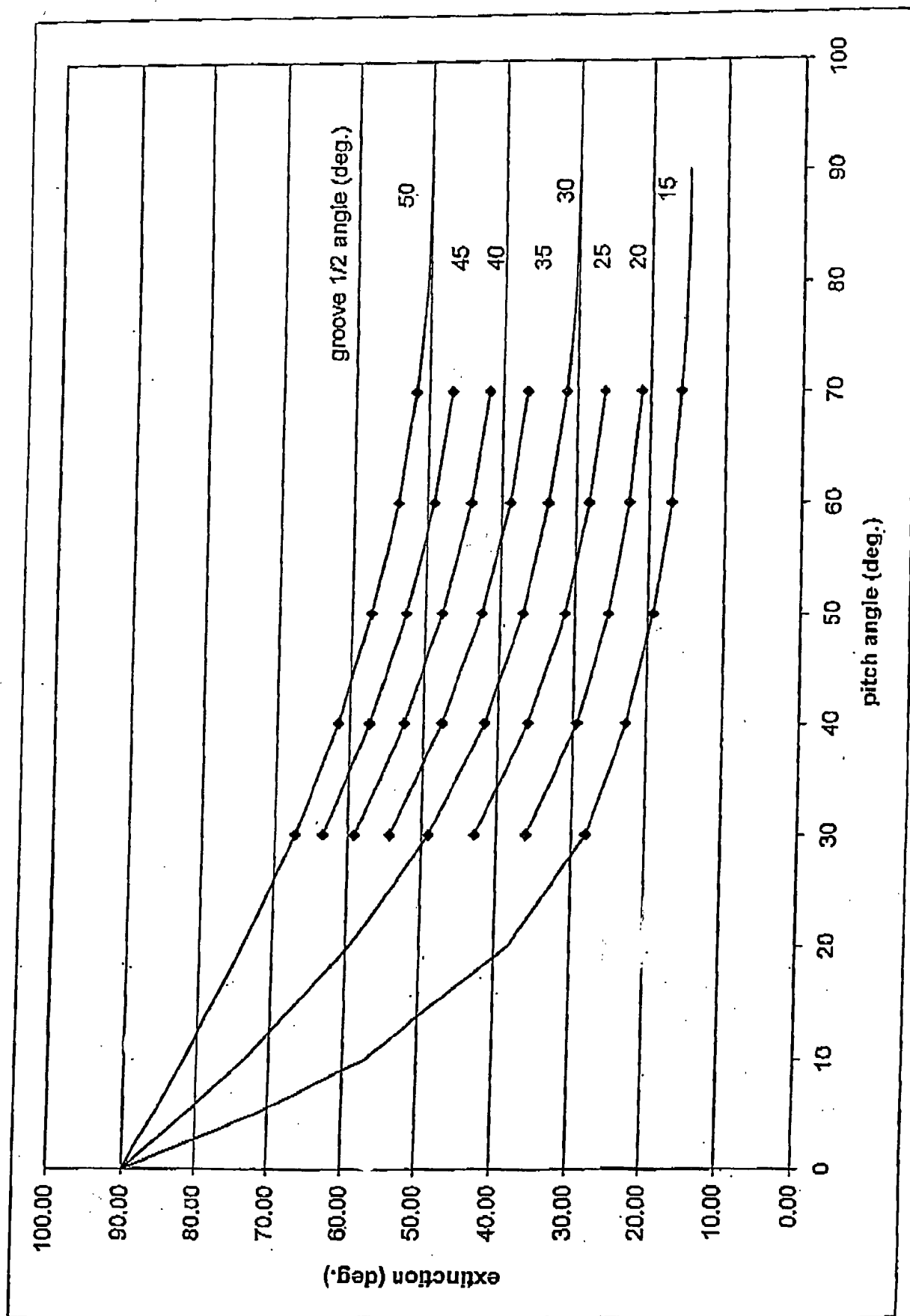


FIG. 30

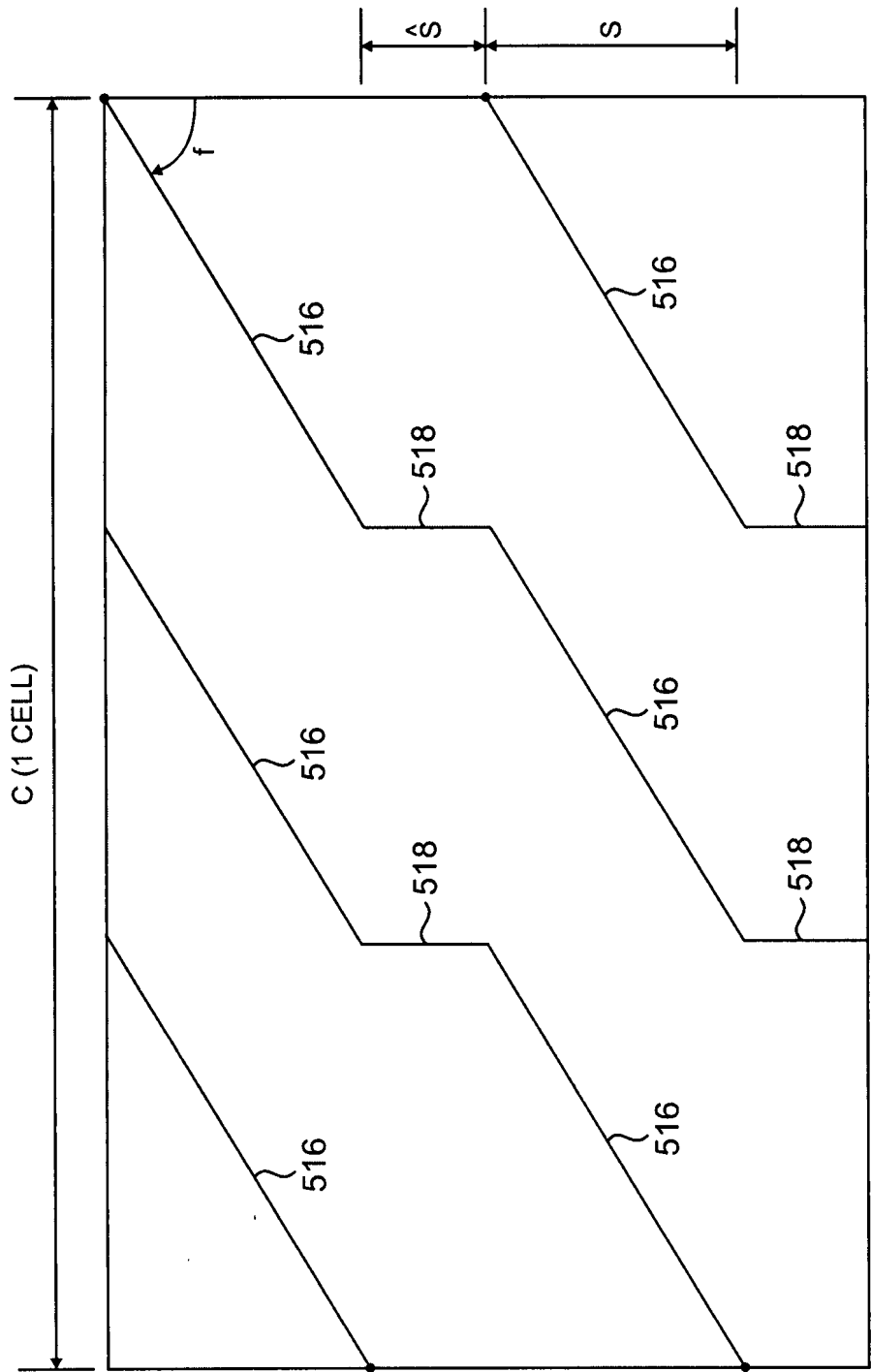


FIG. 31

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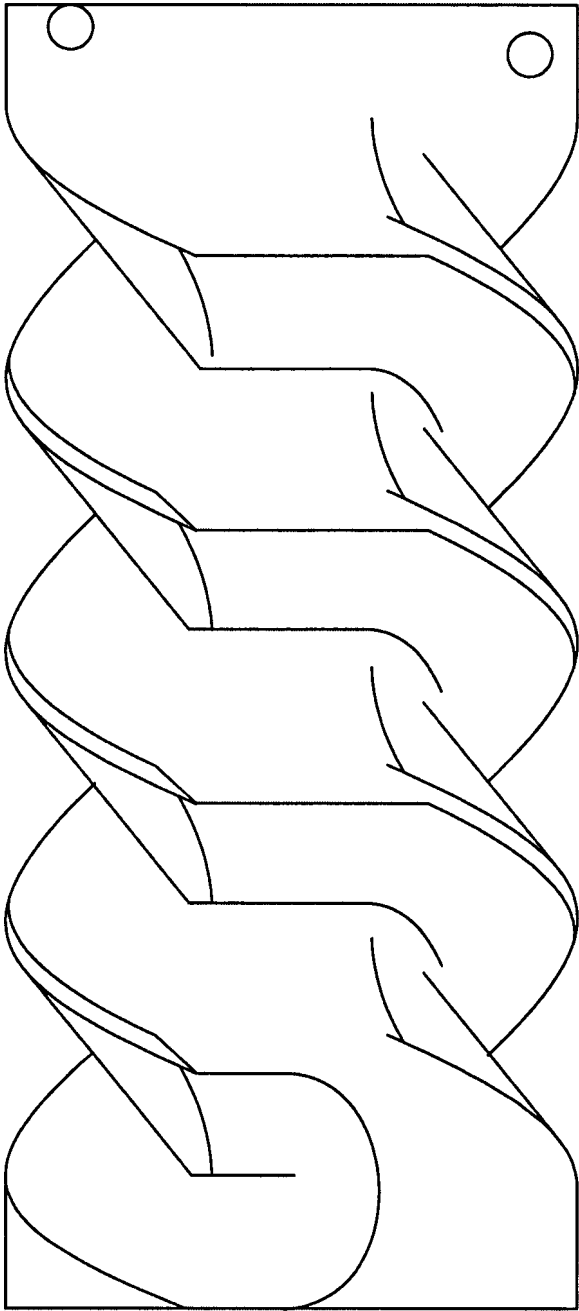


FIG. 32

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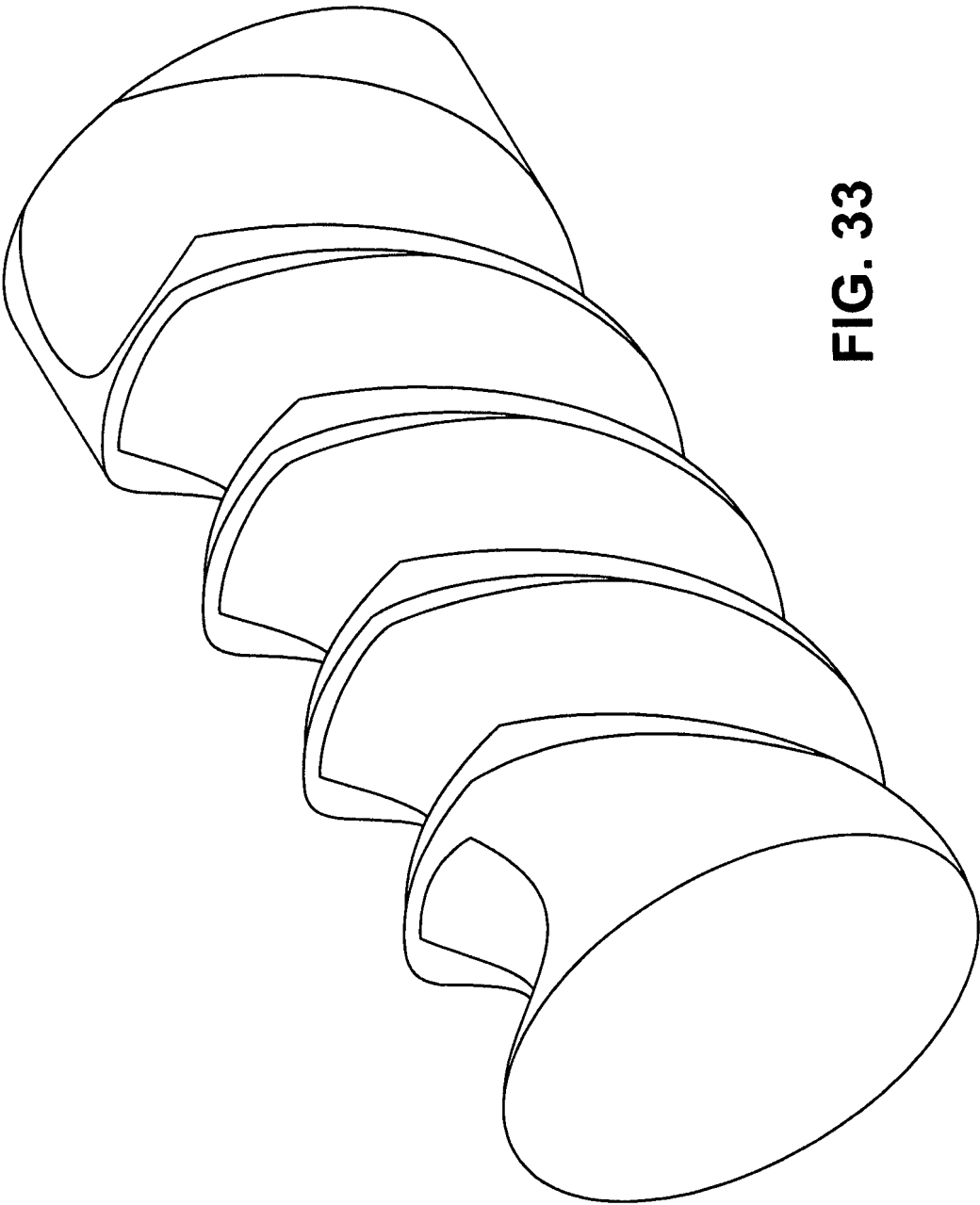


FIG. 33